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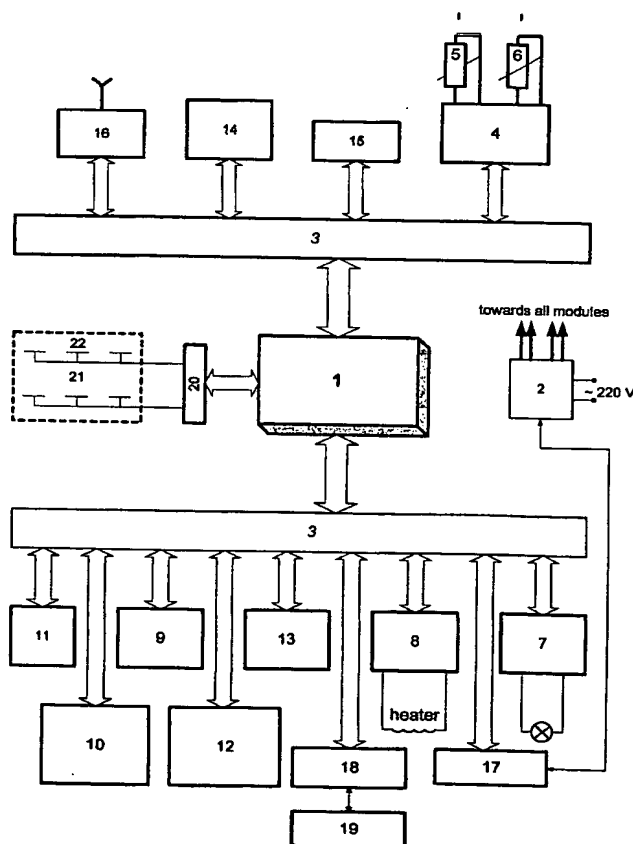
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[Continued on next page]

(54) Title: **REFRIGERATOR AND SYSTEM OF REFRIGERATORS**



(57) Abstract: The refrigerator and the system are applicable in hotels and chains of hotels. The refrigerator has a high degree of intelligence and is convenient for servicing. The system enhances the efficiency of servicing numerous refrigerators in one or several hotels. The refrigerator R comprises a conventional microprocessor system 1, which by means of a conventional complex two-directional bus 3, is connected to modules for reading, monitoring and controlling various functions of the refrigerators. By means of a buffer 20, the microprocessor system 1 is connected to sensors, arranged within the refrigerator operation space for detection of the position 21 and the kind, price and expiry date 22 of the contained products. Transponders 23, recognizable by the sensors 22, are positioned onto the products that are supplied to the refrigerator at locations where the sensors 23 are arranged. The system of refrigerators comprises N refrigerators R connected to each other by means of N multi-channel communication lines and to a hotel coordination center 24.



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